

**FORM PTO-1449** U.S. Department of  
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**10/614,276**

APPLICANT

**H. HAYAMA, et al**

FILING DATE

**July 8, 2003**

GROUP

**2193**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>2 0 0 1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>5</b>	<b>8/01</b>	<b>Kobayashi et al</b>			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO
	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>7</b>	<b>2</b>	<b>8/99</b>	<b>Japan</b>			<b>X</b>	
	<b>2 0 0 1</b>	<b>2</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>4</b>	<b>3</b>		<b>8/01</b>	<b>Japan</b>			<b>X</b>	
	<b>2 0 0 2</b>	<b>0</b>	<b>4</b>	<b>9</b>	<b>4</b>	<b>9</b>	<b>3</b>		<b>2/02</b>	<b>Japan</b>			<b>X</b>	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


**EXAMINER**

**DATE CONSIDERED**

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